

11/13/01

JC682 U.S. PTO

12-10-01

PTO/SB/05 (03-01)

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

First Inventor

Title

Express Mail Label No.

11036 U.S. PTO  
10/008778

11/13/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **30**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ☐]
5. Oath or Declaration [Total Pages **2**]
- a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information.

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

[Redacted Customer No. or Attorney Bar Code Label Here]

or ☒ Correspondence address below

Name

ERIC H. KUHRTS

Address

PO Box 16

City

BODEGA

State

CA

Zip Code

94922

Country

USA

Telephone

7078769222

Fax

954670396

Name (Print/Type)

ERIC H. KUHRTS

Registration No. (Attorney/Agent)

Signature

Eric H. Kuhrts

Date

11/13/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**848.00**

## Complete if Known

Application Number  
Filing Date  
First Named Inventor  
Examiner Name  
Group Art Unit  
Attorney Docket No.

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	201	740	370	Utility filing fee	740.00
106	206	330	165	Design filing fee	
107	207	510	255	Plant filing fee	
108	208	740	370	Reissue filing fee	
114	214	160	80	Provisional filing fee	

SUBTOTAL (1) (\$)**740.00**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
26	-20** = 6	1800	108.00
2	-3** = 0	0	0
Multiple Dependent			

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
103	203	18	9	Claims in excess of 20
102	202	84	42	Independent claims in excess of 3
104	204	280	140	Multiple dependent claim, if not paid
109	209	84	42	** Reissue independent claims over original patent
110	210	18	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**108.00**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	205	130 65 Surcharge - late filing fee or oath	
127	227	50 25 Surcharge - late provisional filing fee or cover sheet	
139	239	130 130 Non-English specification	
147	247	2,520 2,520 For filing a request for <i>ex parte</i> reexamination	
112	212	920* 920* Requesting publication of SIR prior to Examiner action	
113	213	1,840* 1,840* Requesting publication of SIR after Examiner action	
115	215	110 55 Extension for reply within first month	
116	216	400 200 Extension for reply within second month	
117	217	920 460 Extension for reply within third month	
118	218	1,440 720 Extension for reply within fourth month	
128	228	1,960 980 Extension for reply within fifth month	
119	219	320 160 Notice of Appeal	
120	220	320 160 Filing a brief in support of an appeal	
121	221	280 140 Request for oral hearing	
138	238	1,510 1,510 Petition to institute a public use proceeding	
140	240	110 55 Petition to revive - unavoidable	
141	241	1,280 640 Petition to revive - unintentional	
142	242	1,280 640 Utility issue fee (or reissue)	
143	243	460 230 Design issue fee	
144	244	620 310 Plant issue fee	
122	222	130 130 Petitions to the Commissioner	
123	223	50 50 Processing fee under 37 CFR 1.17(q)	
126	226	180 180 Submission of Information Disclosure Stmt	
581	2581	40 40 Recording each patent assignment per property (times number of properties)	
146	246	740 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	740 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	740 370 Request for Continued Examination (RCE)	
169	269	900 900 Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0**

## SUBMITTED BY

Name (Print/Type) **ERIC H. KUHN**  
Signature *Eric H. Kuhn*

Registration No.  
(Attorney/Agent)

## Complete (if applicable)

Telephone **707 876 9222**  
Date **11/13/01**

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